

What is claimed is:

1. A method of treating or preventing severe pneumonia comprising: administering TFPI or a TFPI analog to a patient who has or who is at risk of having severe pneumonia by continuous intravenous infusion at a dose rate equivalent to administration of reference ala-TFPI at a dose rate of less than about 1.0 mg/kg/hr and the patient has not received an anticoagulant within 24 hours of administering TFPI or TFPI analog.
2. The method of claim 1 wherein said TFPI analog is non-glycosylated ala-TFPI.
3. The method of claim 1 wherein said patient has a demonstrable infection.
4. The method of claim 1 wherein said TFPI or TFPI analog is administered by continuous intravenous infusion at a dose rate equivalent to administration of reference ala-TFPI at a dose rate of less than about 0.80 mg/kg/hr.
5. The method of claim 4 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate from about 0.025 to about 0.10 mg/kg/hr and wherein said TFPI or TFPI analog is administered for at least about 72 hours.
6. The method of claim 5 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate from about 0.010 to about 0.10 mg/kg/hr.
7. The method of claim 6 wherein said TFPI analog is non-glycosylated ala-TFPI.
8. The method of claim 6 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate of about 0.020 mg/kg/hr to about 0.08 mg/kg/hr.
9. The method of claim 8 wherein said TFPI analog is non-glycosylated ala-TFPI.
10. The method of claim 1 wherein said TFPI or said TFPI analog is administered for at least about 96 hours.

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11. The method of claim 10 wherein said TFPI analog is non-glycosylated ala-TFPI.
12. The method of claim 10 wherein said TFPI or TFPI analog is administered by continuous intravenous infusion to provide a total dose equivalent to administration of reference ala-TFPI at a total dose from about 0.025 to about 2.5 mg/kg.
13. The method of claim 12 wherein said TFPI analog is non-glycosylated ala-TFPI.
14. The method of claim 10 wherein said TFPI or TFPI analog is administered by continuous intravenous infusion at a dose rate equivalent to administration of reference ala-TFPI at a dose rate of about 0.02 mg/kg/hr to about 0.09 mg/kg/hr.
15. The method of claim 14 wherein said TFPI analog is non-glycosylated ala-TFPI.
16. The method of claim 1 wherein said TFPI or TFPI analog is administered by continuous intravenous infusion to provide a daily dose equivalent to administration of reference ala-TFPI at a daily dose from about 0.06 mg/kg to about 4 mg/kg.
17. The method of claim 16 wherein said TFPI analog is non-glycosylated ala-TFPI.
18. The method of claim 1 wherein said TFPI analog comprises a first Kunitz domain consisting of amino acids 19-89 of SEQ ID NO:1.
19. The method of claim 18 wherein said TFPI analog further comprises a second Kunitz domain consisting of amino acids 90-160 of SEQ ID NO:1.
20. The method of claim 1 wherein said TFPI analog comprises amino acids 1-160 of SEQ ID NO:1.
21. The method of claim 1 wherein said TFPI analog comprises a second Kunitz domain consisting of amino acids 90-160 of SEQ ID NO:1.
22. The method of claim 21 wherein said TFPI analog is non-glycosylated ala-TFPI.

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23. The method of claim 1 wherein said TFPI or TFPI analog is prepared from a lyophilized composition comprising TFPI or a TFPI analog.
24. The method of claim 23 wherein said TFPI analog is non-glycosylated ala-TFPI.
25. The method of claim 1 wherein said TFPI or TFPI analog is administered as a formulation comprising arginine.
26. The method of claim 25 wherein said TFPI analog is non-glycosylated ala-TFPI.
27. The method of claim 1 wherein said TFPI or TFPI analog is administered as a formulation comprising citrate.
28. The method of claim 27 wherein said TFPI analog is non-glycosylated ala-TFPI.
29. The method of claim 1 wherein said TFPI or TFPI analog has a concentration of about 0.15 mg/ml in a formulation comprising about 300 mM arginine hydrochloride and about 20 mM sodium citrate and having a pH of about 5.5.
30. The method of claim 29 wherein said TFPI analog is non-glycosylated ala-TFPI.
31. The method of claim 1 further comprising administering, at the same time as, or within 24 hours of administering said TFPI or TFPI analog, an additional agent selected from the group consisting of an antibiotic, an antibody, an endotoxin antagonist, a tissue factor analog having anticoagulant activity, an immunostimulant, a cell adhesion blocker, heparin, BPI protein, an IL-1 antagonist, pafase (PAF enzyme inhibitor), a TNF inhibitor, an IL-6 inhibitor, and an inhibitor of complement.
32. The method of claim 31 wherein said TFPI analog is non-glycosylated ala-TFPI.
33. The method of claim 31 wherein said additional agent is an antibody, wherein said antibody binds specifically to an antigen selected from the group consisting of TNF, IL-6, and M-CSF.

34. The method of claim 33 wherein said TFPI analog is non-glycosylated ala-TFPI.
35. A method for treating severe pneumonia, comprising: administering to a patient (i) TFPI or a TFPI analog and (ii) an additional agent selected from the group consisting of an antibiotic, a monoclonal antibody, a cytokine inhibitor, and a complement inhibitor.
36. The method of claim 35 wherein said TFPI analog is non-glycosylated ala-TFPI.
37. The method of claim 35 wherein said patient has a demonstrable infection.
38. The method of claim 35 wherein said TFPI or TFPI analog is administered by continuous intravenous infusion at a dose rate equivalent to administration of reference ala-TFPI at a dose rate of less than about 1.0 mg/kg/hr.
39. The method of claim 38 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate from about 0.001 to about 0.090 mg/kg/hr.
40. The method of claim 39 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate from about 0.002 to about 0.050 mg/kg/hr.
41. The method of claim 40 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate from about 0.002 to about 0.010 mg/kg/hr.
42. The method of claim 41 wherein said dose rate is equivalent to administration of reference ala-TFPI at a dose rate from about 0.0025 to about 0.075 mg/kg/hr.

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